## STANDARD STRAIGHT BAR

BAR	* LOCA	TION CATEGORY	
SIZE	Α	В	C
#.4	1'-5''	1'-0''	1'-0''
#5	l'-9''	1'-:3''	1'-0''
#6	2'-2''	1'-6''	l'-·3''
#.7	2'-7''	1'-10''	1'-6''
#.8	3'-4''	2'-5''	'-  ''
#.9	4'-3''	3'-0''	2′-5′′
#10	5′-4′′	3′-10′′	3′-1′′
#	6'-7''	4'-8''	3'-9''

## \* LOCATION CATEGORY:

- A-Bars in horizontal layers in top of pour with 12" or more of concrete below them such as in: footings, pier caps, etc.
- B-All bars not in Category A spaced less than 6" apart. C-All bars not in Category A spaced 6" or more apart.

FHWA APPROVAL

DATE:

## Note:

- I. When development length is not specified on the Plans, the above dimensions shall be used,
- 2. These development lengths do not apply when bar is in lightweight concrete or any other strength of concrete.
- 3. These development lengths only apply where the

General Notes indicate "Reinforcing Steel Design, fs= 24,000 p.s.i.'

4.If depth of member does not allow bar development length indicated in Categories A, B, and C; then hook shall be added to all bars not conforming, as per D, E, and F per Std. No. M(6.10)-86-180.

APPR	IOVAL
OFFICE OF B	<u>~</u> Director Ridge Devel.
DATE: 2/2/	90
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## STATE OF MARYLAND DEPARTMENT OF TRANSPORTATION STATE HIGHWAY ADMINISTRATION

OFFICE OF BRIDGE DEVELOPMENT
DEVELOPMENT LENGTH DIMENSIONS FOR
GRADE 60 REINFORCING STEEL
IN MIX NO.6 (4500 P.S.I.) CONCRETE
NON-EPOXY COATED REINFORCING

**STANDARD NO.** M(6,16)-90-216

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